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Multidrug Resistance Process

National Cancer Institute

Source

National Cancer Institute. *Multidrug Resistance Process*. NCI Thesaurus. Code C17745.

Simultaneous resistance to a spectrum of unrelated drugs following exposure to a single agent. Mechanisms involve expression of multidrug efflux pumps (p-glycoprotein), altered glutathione metabolism, decreased topoisomerase II activity, and changes in various cellular proteins.